# FCC CERTIFICATION
On Behalf of
The Sharper Image

Wireless Stereo Speaker System Transmitter
Model No.: SI494

FCC ID: MNISI494

| | | |
|---|---|---|
| Prepared for | : | The Sharper Image |
| Address | : | 650 Davis Street, San Francisco, CA94111, U.S.A |
| Prepared by | : | ACCURATE TECHNOLOGY CO. LTD |
| Address | : | F1, Bldg. A, Changyuan New Material Port, Keyuan Rd. Science & Industry Park, Nanshan, Shenzhen, Guangdong P.R. China<br><br>Tel: (0755) 26503290<br>Fax: (0755) 26503396 |

| | | |
|---|---|---|
| Report Number | : | ATE2005639 |
| Date of Test | : | April 27-29, 2005 |
| Date of Report | : | May 12, 2005 |

# TABLE OF CONTENTS

Description Page

# Test Report Certification

| | | |
|---|---|---|
| Applicant | : | The Sharper Image |
| Manufacturer | : | Mei Hua Electronics Factory |
| EUT Description | : | Wireless Stereo Speaker System Transmitter |
| | | (A) MODEL NO.: SI494 |
| | | (B) SERIAL NO.: N/A |
| | | (C) POWER SUPPLY: 12Vd.c. with adapter |

Measurement Procedure Used:

FCC Rules and Regulations Part 15 Subpart C Section 15.249, Section 15.207:2004
& ANSI C63.4: 2003

The device described above is tested by ACCURATE TECHNOLOGY CO. LTD to determine the maximum emission levels emanating from the device. The maximum emission levels are compared to the FCC Part 15 Subpart C Section15.249, Section 15.207 limits. The measurement results are contained in this test report and ACCURATE TECHNOLOGY CO. LTD is assumed full responsibility for the accuracy and completeness of these measurements. Also, this report shows that the Equipment Under Test (EUT) is to be technically compliant with the FCC requirements.

This report applies to above tested sample only. This report shall not be reproduced in part without written approval of ACCURATE TECHNOLOGY CO. LTD.

Date of Test : April 27-29, 2005

Prepared by : 

(Engineer)

Reviewer : 

(Quality Manager)

Approved & Authorized Signer : 

(Manager)

# 1. GENERAL INFORMATION

## 1.1.Description of Device (EUT)

| | | |
|---|---|---|
| EUT | : | Wireless Stereo Speaker System Transmitter |
| Model Number | : | SI494 |
| Power Supply | : | 12Vd.c. with adapter<br>The AC/DC Adapter used for test:<br>Model No.: DPX481820;<br>Input: 120Va.c. 60Hz 20W;<br>Output: 12Vd.c. 600Ma<br>UL Listed 73Z5 E108373; CSA LR81343 |
| Applicant | : | The Sharper Image |
| Address | : | 650 Davis Street, San Francisco, CA94111, U.S.A |
| Manufacturer | : | Mei Hua Electronics Factory |
| Address | : | Kwan Chen Tow Village, Industrial Zone, Fung Gang, Dong Guan City, Guangdong, P.R.China |
| Date of sample received | : | April 25, 2005 |
| Date of Test | : | April 27-29, 2005 |

## 1.2.Description of Test Facility

| | | |
|---|---|---|
| EMC Lab | : | Accredited by TUV Rheinland Shenzhen, May 10, 2004<br><br>Accredited by FCC, May 10, 2004<br>The Certificate Registration Number is 253065<br><br>Accredited by Industry Canada, May 18, 2004<br>The Certificate Registration Number is IC 5077 |
| Name of Firm | : | ACCURATE TECHNOLOGY CO. LTD |
| Site Location | : | F1, Bldg. A, Changyuan New Material Port, Keyuan Rd. Science & Industry Park, Nanshan, Shenzhen, Guangdong P.R. China |

## 1.3.Measurement Uncertainty

Conducted Emission Uncertainty = ±2.66dB

Radiated Emission Uncertainty = ±4.26dB

# 2. MEASURING DEVICE AND TEST EQUIPMENT

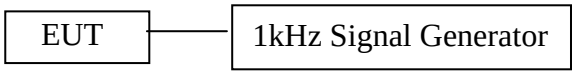
**Table 1: List of Test and Measurement Equipment**

| Kind of equipment | Manufacturer | Type | S/N | Calibrated until |
|---|---|---|---|---|
| EMI Test Receiver | Rohde&Schwarz | ESI26 | 838786/013 | 01.02.2006 |
| Bilog Antenna | Chase | CBL6112B | 2591 | 01.02.2006 |
| Horn Antenna | Rohde&Schwarz | HF906 | 100013 | 01.02.2006 |
| Spectrum Analyzer | Anritsu | MS2651B | 6200238856 | 01.02.2006 |
| EMI Test Receiver | Rohde&Schwarz | ESCS30 | 100307 | 01.02.2006 |
| L.I.S.N. | Rohde&Schwarz | ESH3-Z5 | 100305 | 01.02.2006 |
| L.I.S.N. | Rohde&Schwarz | ESH3-Z5 | 100310 | 01.02.2006 |
| Signal Generator | GW | GAG-810 | 0913317 | 01.02.2006 |

# 3. FUNDAMENTAL AND HARMONICS RADIATED EMISSION MEASURMENT

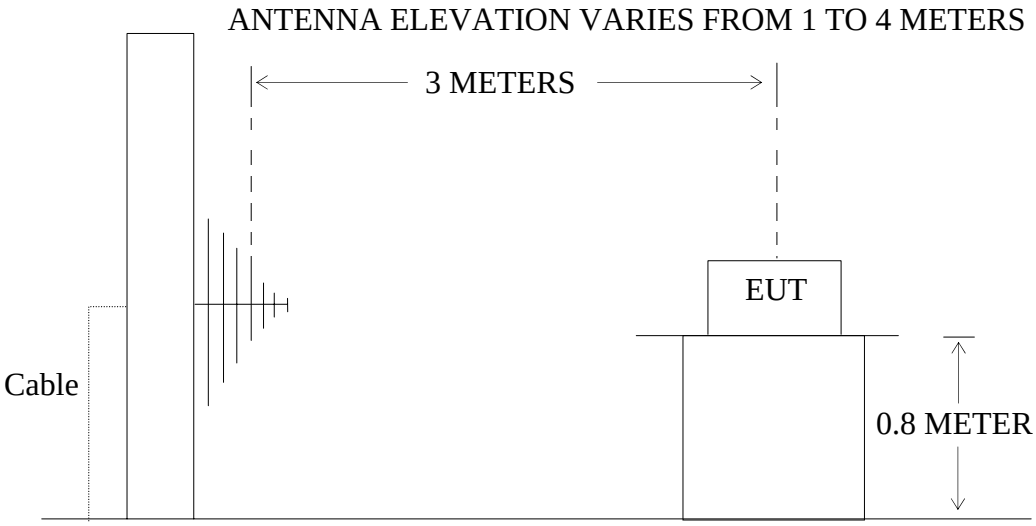
## 3.1.Block Diagram of Test Setup

### 3.1.1.Block diagram of connection between the EUT and simulators




(EUT: Wireless Stereo Speaker System Transmitter)

### 3.1.2.Anechoic Chamber Test Setup Diagram




(EUT: Wireless Stereo Speaker System Transmitter)

## 3.2.The Emission Limit

3.2.1 For intentional radiators, According to section 15.249(a), Operation within the frequency band of 2.4 to 2.4835GHz, The fundamental field strength shall not exceed 94 dBμV/m and the harmonics shall not exceed 54 dBμV/m.

| Fundamental Frequency | Field Strength of Fundamental (millivolts/meter) | Field Strength of Fundamental (microvolts/meter) |
|---|---|---|
| 902-928MHz | 50 | 500 |
| 2400-2483.5MHz | 50 | 500 |
| 5725-5875MHz | 50 | 500 |
| 24.0-24.25GHz | 250 | 2500 |

3.2.2 According to section 15.249(e), as shown in section 15.35(b), The peak field strength

of any emission shall not exceed the maximum permitted average limits specified above by more than 20 dB under any condition of modulation.

## 3.3.Configuration of EUT on Measurement

The following equipment are installed on Radiated Emission Measurement to meet the commission requirements and operating regulations in a manner which tends to maximize its emission characteristics in normal application.

3.3.1. Wireless Stereo Speaker System Transmitter (EUT)

| | | |
|---|---|---|
| Model Number | : | SI494 |
| Serial Number | : | N/A |
| Manufacturer | : | Mei Hua Electronics Factory |

## 3.4.Operating Condition of EUT

3.4.1.Setup the EUT and simulator as shown as Section 3.1.

3.4.2.Turn on the power of all equipment.

3.4.3. Let the EUT work in TX modes (On with 1kHz Signal) measure it.

## 3.5.Test Procedure

The EUT and its simulators are placed on a turntable, which is 0.8 meter high above ground. The turntable can rotate 360 degrees to determine the position of the maximum emission level. EUT is set 3.0 meters away from the receiving antenna, which is mounted on an antenna tower. The antenna can be moved up and down between 1.0 meter and 4 meters to find out the maximum emission level. Broadband antenna (calibrated bilog antenna) is used as receiving antenna. Both horizontal and vertical polarizations of the antenna are set on measurement. In order to find the maximum emission levels, all of the interface cables must be manipulated according to ANSI C63.4: 2003 on radiated emission measurement.
The bandwidth of test receiver (R&S ESI26) is set at 1MHz.

## 3.6. The Field Strength of Radiation Emission Measurement Results

**PASS.**

| | | | |
|---|---|---|---|
| Date of Test: | April 27-29, 2005 | Temperature: | 22°C |
| EUT: | Wireless Stereo Speaker System Transmitter | Humidity: | 50% |
| Model No.: | SI494 | Power Supply: | 120V a.c./60Hz |
| Test Mode: | TX with 1kHz signal | Test Engineer: | Jack |

**Fundamental and Harmonics Radiated Emissions**

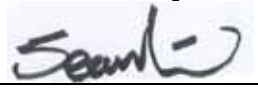
| Frequency (MHz) | Reading(dBμV/m) | | Factor(dB) Corr. | Result(dBμV/m) | | Limit(dBμV/m) | | Margin(dBμV/m) | | Polarization |
|---|---|---|---|---|---|---|---|---|---|---|
| | AV | PEAK | | AV | PEAK | AV | PEAK | AV | PEAK | |
| 2409.949 | 58.4 | 60.5 | 27.5 | 85.9 | 88.0 | 94 | 114 | 8.1 | 26.0 | Vertical |
| 2409.949 | 58.8 | 60.8 | 27.5 | 86.3 | 88.3 | 94 | 114 | 7.7 | 25.7 | Horizontal |
| 4819.898 | 47.9 | 49.9 | 2.8 | 50.7 | 52.7 | 54 | 74 | 3.3 | 21.3 | Vertical |
| 4819.898 | 48.6 | 50.6 | 2.8 | 51.4 | 53.4 | 54 | 74 | 2.6 | 20.6 | Horizontal |
| 7229.847 | 44.6 | 46.6 | 5.9 | 50.5 | 52.5 | 54 | 74 | 3.5 | 21.5 | Vertical |
| 7229.847 | 45.2 | 47.2 | 5.9 | 51.1 | 53.1 | 54 | 74 | 2.9 | 20.9 | Horizontal |
| 9639.796 | 38.7 | 40.7 | 7.2 | 45.9 | 47.9 | 54 | 74 | 8.1 | 26.1 | Vertical |
| 9639.796 | 41.3 | 43.3 | 7.2 | 48.5 | 50.5 | 54 | 74 | 5.5 | 23.5 | Horizontal |
| 12049.745 | - | - | 9.3 | - | - | - | - | - | - | - |
| 14459.694 | - | - | 11.8 | - | - | - | - | - | - | - |
| 16869.643 | - | - | 12.3 | - | - | - | - | - | - | - |
| 19279.592 | - | - | 9.1 | - | - | - | - | - | - | - |
| 21689.541 | - | - | 10.2 | - | - | - | - | - | - | - |
| 24099.490 | - | - | 11.4 | - | - | - | - | - | - | - |

Note:

1. Remark "- " means that the emission level is too low to be measured.
2. The field strength is calculated by adding the antenna factor, high pass filter loss(if used) and cable loss, and subtracting the amplifier gain(if any)from the measured reading. The basic equation calculation is as follows:

Result = Reading + Corrected Factor

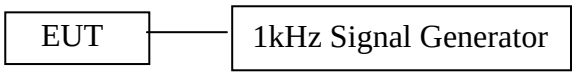
Where Corrected Factor = Antenna Factor + Cable Loss + High Pass Filter Loss – Amplifier Gain

Reviewer **:** 

# 4. RADIATED EMISSION FOR FCC PART 15 SECTION 15.249(D)

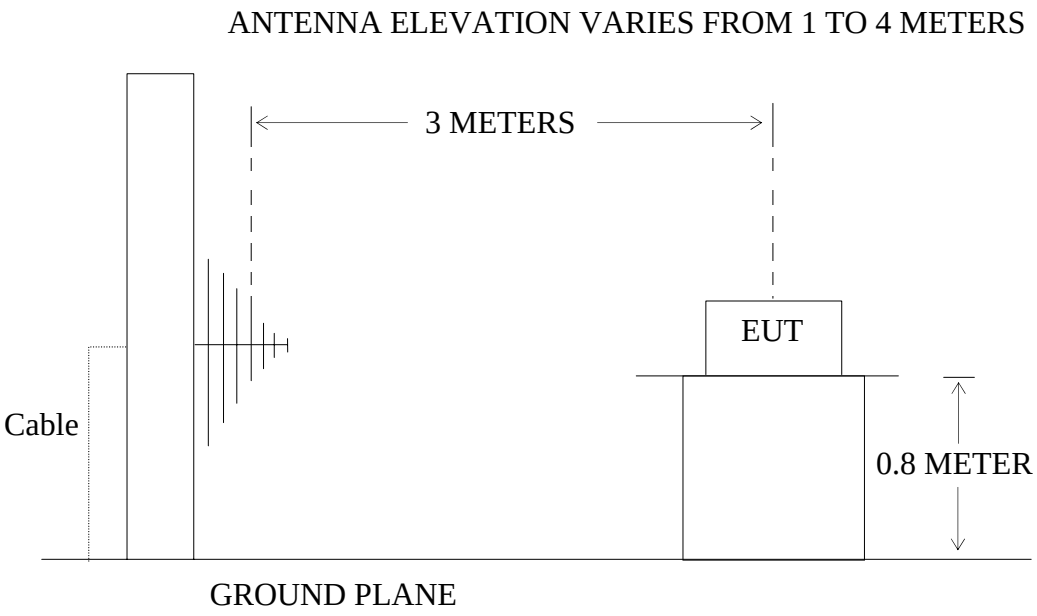
## 4.1.Block Diagram of Test Setup

### 4.1.1.Block diagram of connection between the EUT and simulators




(EUT: Wireless Stereo Speaker System Transmitter)

### 4.1.2.Anechoic Chamber Test Setup Diagram




(EUT: Wireless Stereo Speaker System Transmitter)

## 4.2.The Emission Limit For Section 15.249(d)

4.2.1 Emission radiated outside of the specified frequency bands, except for harmonics, shall be comply with the general radiated emission limits in Section 15.209.
Radiation Emission Measurement Limits According to Section 15.209

| Frequency (MHz) | Limit, | | |
|---|---|---|---|
| | Field Strength of Quasi-peak Value (microvolts/m) | Field Strength of Quasi-peak Value (dBμV/m) | The final measurement in band 9-90kHz, 110-490kHz and above 1000MHz is performed with |
| 30 - 88 | 100 | 40 | |

| | | | |
|---|---|---|---|
| 88 - 216 | 150 | 43.5 | Average detector. Except those frequency bands mention above, the final measurement for frequencies below 1000MHz is performed with Quasi Peak detector. |
| 216 - 960 | 200 | 46 | |
| Above 960 | 500 | 54 | |

## 4.3.EUT Configuration on Measurement

The following equipment are installed on the emission Measurement to meet the commission requirements and operating regulations in a manner which tends to maximize its emission characteristics in normal application.

4.3.1. Wireless Stereo Speaker System Transmitter (EUT)

| | | |
|---|---|---|
| Model Number | : | SI494 |
| Serial Number | : | N/A |
| Manufacturer | : | Mei Hua Electronics Factory |

## 4.4.Operating Condition of EUT

4.4.1.Setup the EUT and simulator as shown as Section 4.1.

4.4.2.Turn on the power of all equipment.

4.4.3. Let the EUT work in TX modes (On with 1kHz Signal) measure it.

## 4.5.Test Procedure

The EUT and its simulators are placed on a turntable, which is 0.8 meter high above ground. The turntable can rotate 360 degrees to determine the position of the maximum emission level. EUT is set 3.0 meters away from the receiving antenna, which is mounted on an antenna tower. The antenna can be moved up and down between 1.0 meter and 4 meters to find out the maximum emission level. Broadband antenna (calibrated bilog antenna) is used as receiving antenna. Both horizontal and vertical polarizations of the antenna are set on measurement. In order to find the maximum emission levels, all of the interface cables must be manipulated according to ANSI C63.4: 2003 on radiated emission measurement.

The bandwidth of test receiver (R&S ESI26) is set at 120KHz in 30-1000MHz. and set at 1MHz in above 1000MHz.

The frequency range from 30MHz to 1000MHz is checked.

The final measurement in band 9-90kHz, 110-490kHz and above 1000MHz is performed with Average detector. Except those frequency bands mention above, the final measurement for frequencies below 1000MHz is performed with Quasi Peak detector.

## 4.6.The Emission Measurement Result

**PASS.**

| | | | |
|---|---|---|---|
| Date of Test: | April 27-29, 2005 | Temperature: | 22°C |
| EUT: | Wireless Stereo Speaker System Transmitter | Humidity: | 50% |
| Model No.: | SI494 | Power Supply: | 120V a.c./60Hz |
| Test Mode: | TX with 1kHz signal | Test Engineer: | Jack |

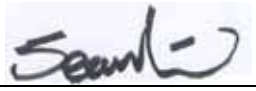
| Frequency (MHz) | Reading(dBμV/m) | | Factor(dB) Corr. | Result(dBμV/m) | | Limit(dBμV/m) | | Margin(dBμV/m) | | Polarization |
|---|---|---|---|---|---|---|---|---|---|---|
| | AV | QP | | AV | QP | AV | QP | AV | QP | |
| - | - | - | - | - | - | - | - | - | - | Vertical |
| - | - | - | - | - | - | - | - | - | - | Horizontal |

Note:

1. Remark "- " means that the emission level is too low to be measured.
2. The field strength is calculated by adding the antenna factor, high pass filter loss(if used) and cable loss, and subtracting the amplifier gain(if any)from the measured reading. The basic equation calculation is as follows:

   Result = Reading + Corrected Factor

   Where Corrected Factor = Antenna Factor + Cable Loss + High Pass Filter Loss – Amplifier Gain
3. All the scanning waveforms are attached in Appendix I.

Reviewer **:** 

# 5. BAND EDGES FOR FCC PART 15 SECTION 15.249(D)

## 5.1.The Requirement For Section 15.249(d)

5.1.1. According to Section 15.249(d), out band emission except for harmonics shall be at least attenuated by 50 dB below the level of the fundamental.

## 5.2.EUT Configuration on Measurement

The following equipment are installed on the emission Measurement to meet the commission requirements and operating regulations in a manner which tends to maximize its emission characteristics in normal application.

5.2.1. Wireless Stereo Speaker System Transmitter (EUT)

| | | |
|---|---|---|
| Model Number | : | SI494 |
| Serial Number | : | N/A |
| Manufacturer | : | Mei Hua Electronics Factory |

## 5.3.Operating Condition of EUT

5.3.1.Setup the EUT and simulator as shown as Section 4.1.

5.3.2.Turn on the power of all equipment.

5.3.3. Let the EUT work in TX modes (On with 1kHz Signal) measure it.

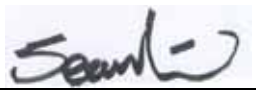
## 5.4.Test Procedure

5.4.1. Measure the fundamental amplitude appearing on spectral display and set it as a reference level. measure the lower band edge amplitude. Get the delta amplitude and edge frequency.
5.4.2. Repeat above procedures , Measure the fundamental amplitude appearing on spectral display and set it as a reference level. measure the upper band edge amplitude. Get the delta amplitude and edge frequency.

## 5.5.The Measurement Result

**Pass**

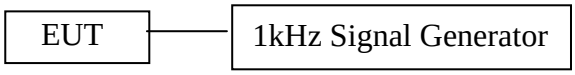
5.5.1 Lower band edge: Emission radiated outside of the lower band edge are 62.85 dB below the level of the fundamental.
5.5.2 Upper band edge: Emission radiated outside of the upper band edge are 61.52 dB below the level of the fundamental.
5.5.3 All the spectral waveforms are attached in Appendix I.

Reviewer **:** 

# 6. CONDUCTED EMISSION FOR FCC PART 15 SECTION 15.207(A)

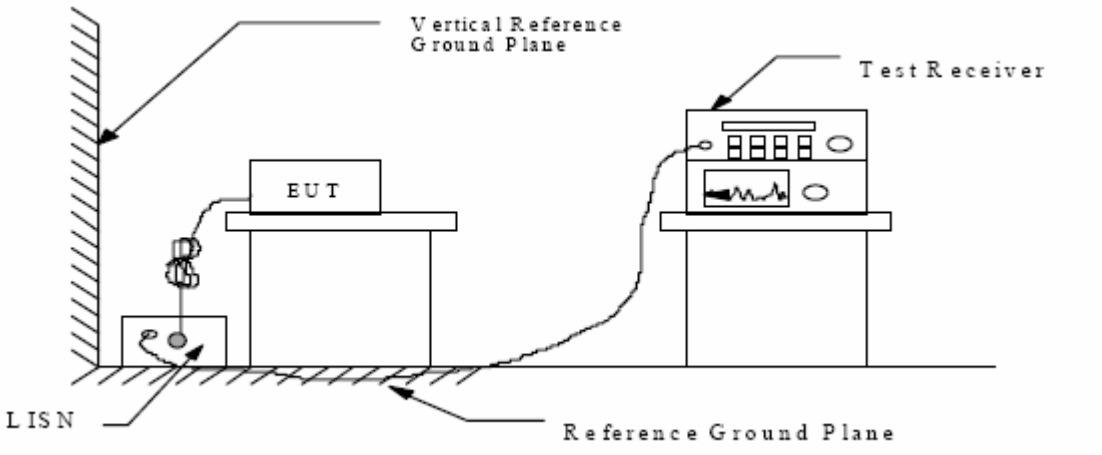
## 6.1.Block Diagram of Test Setup

### 6.1.1.Block diagram of connection between the EUT and simulators




(EUT: Wireless Stereo Speaker System Transmitter)

### 6.1.2. Shielding Room Test Setup Diagram




(EUT: Wireless Stereo Speaker System Transmitter)

## 6.2.The Emission Limit For Section 15.207(a)

6.2.1 Radiation Emission Measurement Limits According to Section 15.207(a)

| Frequency (MHz) | Conducted Limit (dBμV) | |
|---|---|---|
| | Quasi-peak | Average |
| 0.15 – 0.5 | 66 to 56* | 56 to 46* |
| 0.5 - 5 | 56 | 46 |
| 5 - 30 | 60 | 50 |

* Decreases with the logarithm of the frequency.

## 6.3.EUT Configuration on Measurement

The following equipment are installed on the emission Measurement to meet the commission requirements and operating regulations in a manner which tends to maximize its emission characteristics in normal application.

6.3.1. Wireless Stereo Speaker System Transmitter (EUT)

| | | |
|---|---|---|
| Model Number | : | SI494 |
| Serial Number | : | N/A |
| Manufacturer | : | Mei Hua Electronics Factory |

## 6.4.Operating Condition of EUT

6.4.1.Setup the EUT and simulator as shown as Section 6.1.

6.4.2.Turn on the power of all equipment.

6.4.3. Let the EUT work in TX modes (On with 1kHz Signal) measure it.

## 6.5.Test Procedure

The EUT is put on the plane 0.8m high above the ground by insulating support and is connected to the power mains through a line impedance stabilization network (L.I.S.N.). This provides a 50ohm coupling impedance for the EUT system. Please refer the block diagram of the test setup and photographs. Both sides of AC lines are checked to find out the maximum conducted emission. In order to find the maximum emission levels, the relative positions of equipment and all of the interface cables shall be changed according to ANSI C63.4: 2003 on Conducted Emission Measurement.

The bandwidth of test receiver (R & S ESCS30) is set at 9kHz.

The frequency range from 150kHz to 30MHz is checked.

All the scanning waveforms are attached in Appendix I.

## 6.6.Power Line Conducted Emission Measurement Results

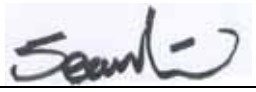
**PASS.**

The frequency range from 150kHz to 30MHz is checked.

| | | | |
|---|---|---|---|
| Date of Test: | April 27-29, 2005 | Temperature: | 22°C |
| EUT: | Wireless Stereo Speaker System Transmitter | Humidity: | 50% |
| Model No.: | SI494 | Power Supply: | 120V a.c./60Hz |
| Test Mode: | TX with 1kHz signal | Test Engineer: | Andy |

| Test Line | Frequency MHz | Emission Level(dBμV) QP | AV | Limits(dBμV) QP | AV | Margin(dBμV) QP | AV |
|---|---|---|---|---|---|---|---|
| Va | 0.150 | 41.3 | 15.7 | 66.0 | 56.0 | 24.7 | 40.3 |
| Va | 0.330 | 40.7 | 15.1 | 59.45 | 49.45 | 18.75 | 34.35 |
| Va | 0.345 | 40.2 | 15.0 | 59.08 | 49.08 | 18.88 | 34.08 |
| Va | 0.370 | 39.4 | 14.5 | 58.50 | 48.50 | 19.1 | 34 |
| Va | 0.380 | 39.1 | 14.2 | 58.28 | 48.28 | 19.18 | 34.08 |
| Vb | 0.150 | 40.4 | 15.1 | 66.0 | 56.0 | 25.6 | 40.9 |
| Vb | 0.310 | 39.0 | 14.2 | 59.97 | 49.97 | 20.97 | 35.77 |
| Vb | 0.340 | 38.0 | 13.7 | 59.20 | 49.20 | 21.2 | 35.5 |
| Vb | 0.365 | 36.7 | 13.1 | 58.61 | 48.61 | 21.91 | 35.51 |
| Vb | 0.385 | 35.7 | 13.0 | 58.17 | 48.17 | 22.47 | 35.17 |

The spectral diagrams in appendix I display the measurement of un-weighted peak values.

Reviewer **:** 

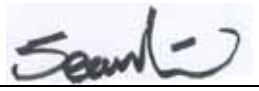
# 7. ANTENNA REQUIREMENT

## 7.1.The Requirement

7.1.1. According to Section 15.203, An intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device.

## 7.2.Antenna Construction

The antenna is mount on the TX PCB, no consideration of replacement.

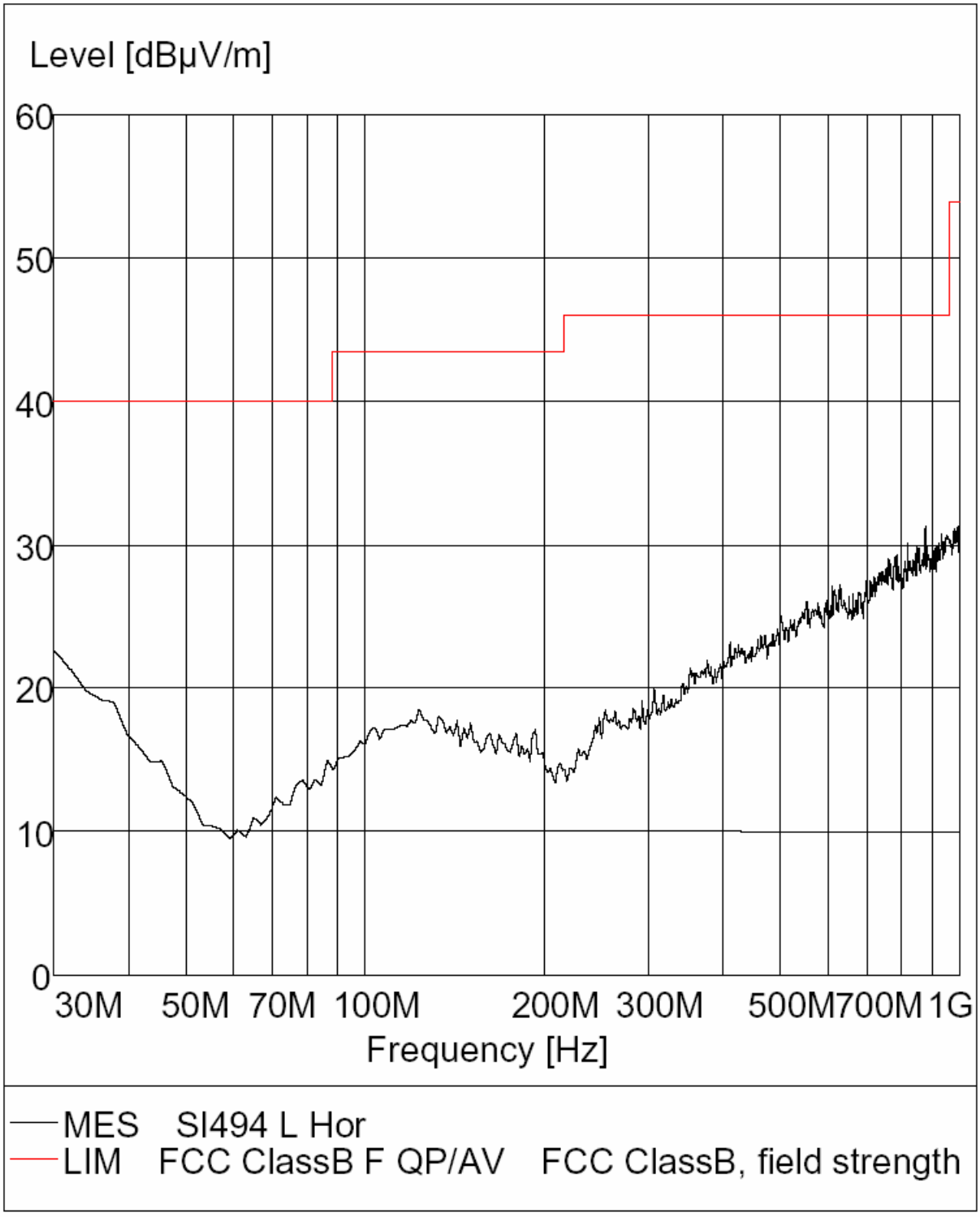
Reviewer **:** 

# APPENDIX I
# (Test Curves)

*Radiated Disturbance*

*FCC Part15*

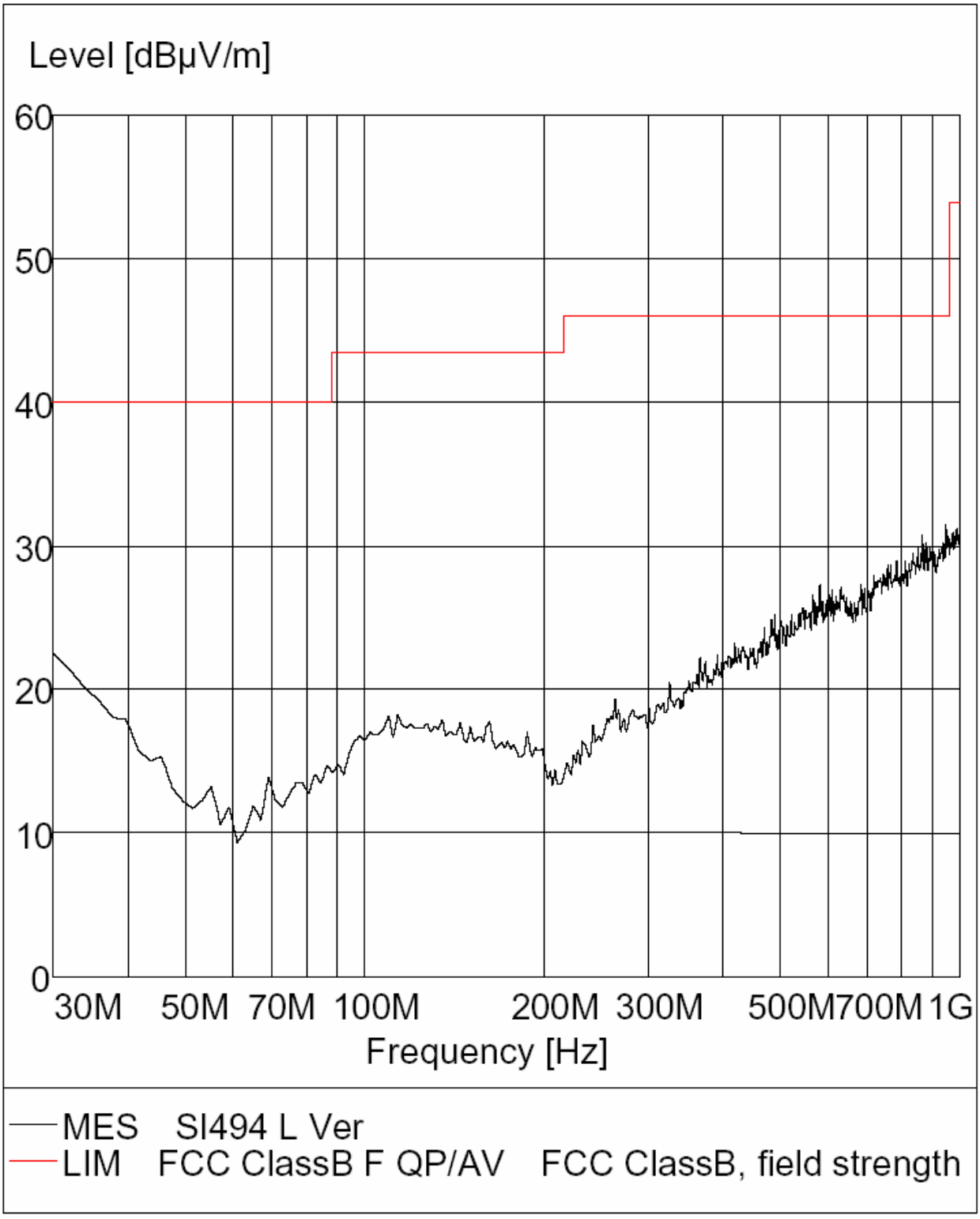
EUT: Wireless stereo speaker system transmitter M/N:SI494
Manufacturer: Mei Hua
Operating Condition: TX
Test Site: ATC EMC Lab.SAC
Operator: Jack
Test Specification: Horizontal
Comment: AC 120V/60Hz



*Radiated Disturbance*

*FCC Part15*

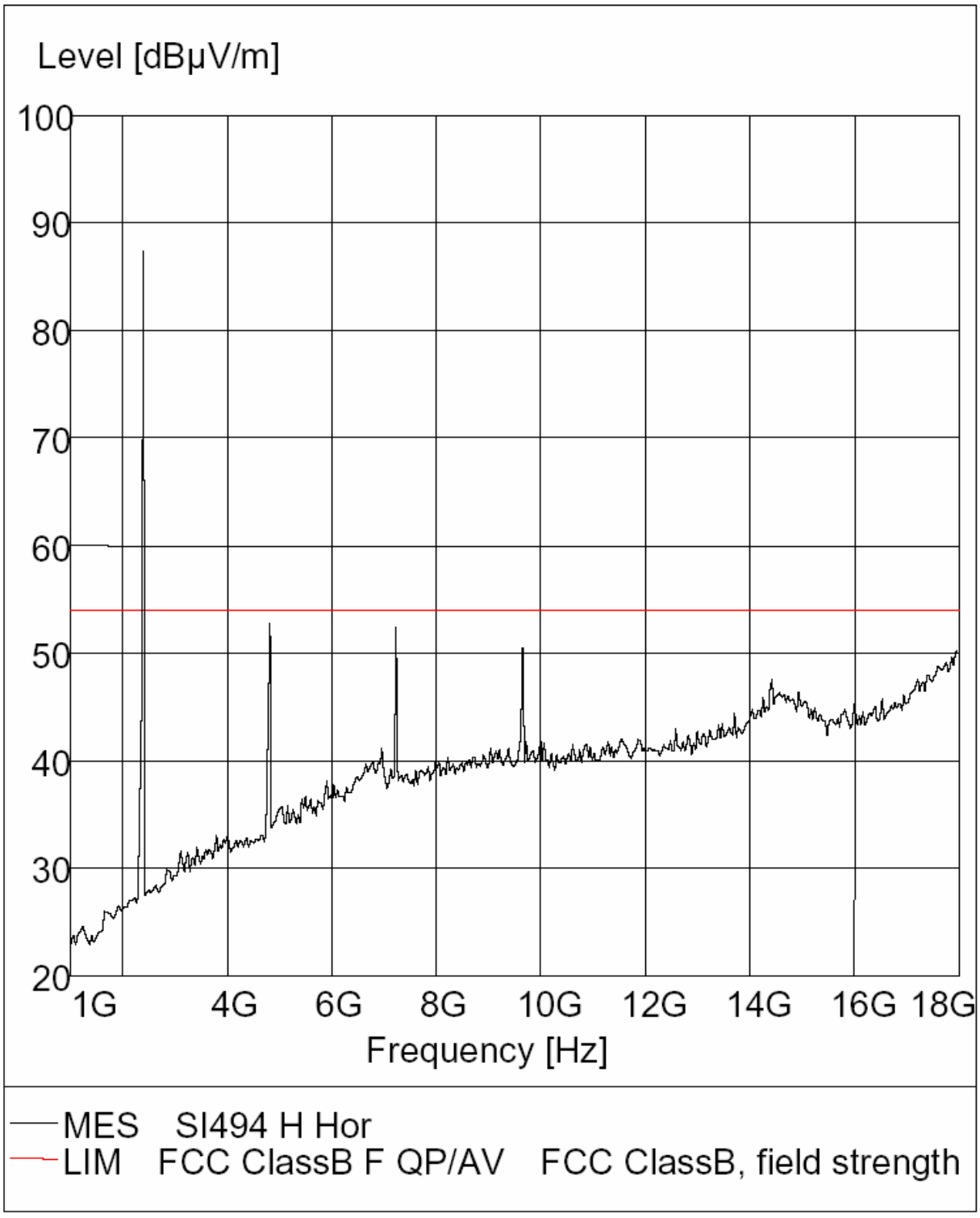
EUT: Wireless stereo speaker system transmitter M/N:SI494
Manufacturer: Mei Hua
Operating Condition: TX
Test Site: ATC EMC Lab.SAC
Operator: Jack
Test Specification: Vertical
Comment: AC 120V/60Hz



*Radiated Disturbance*

*FCC Part15*

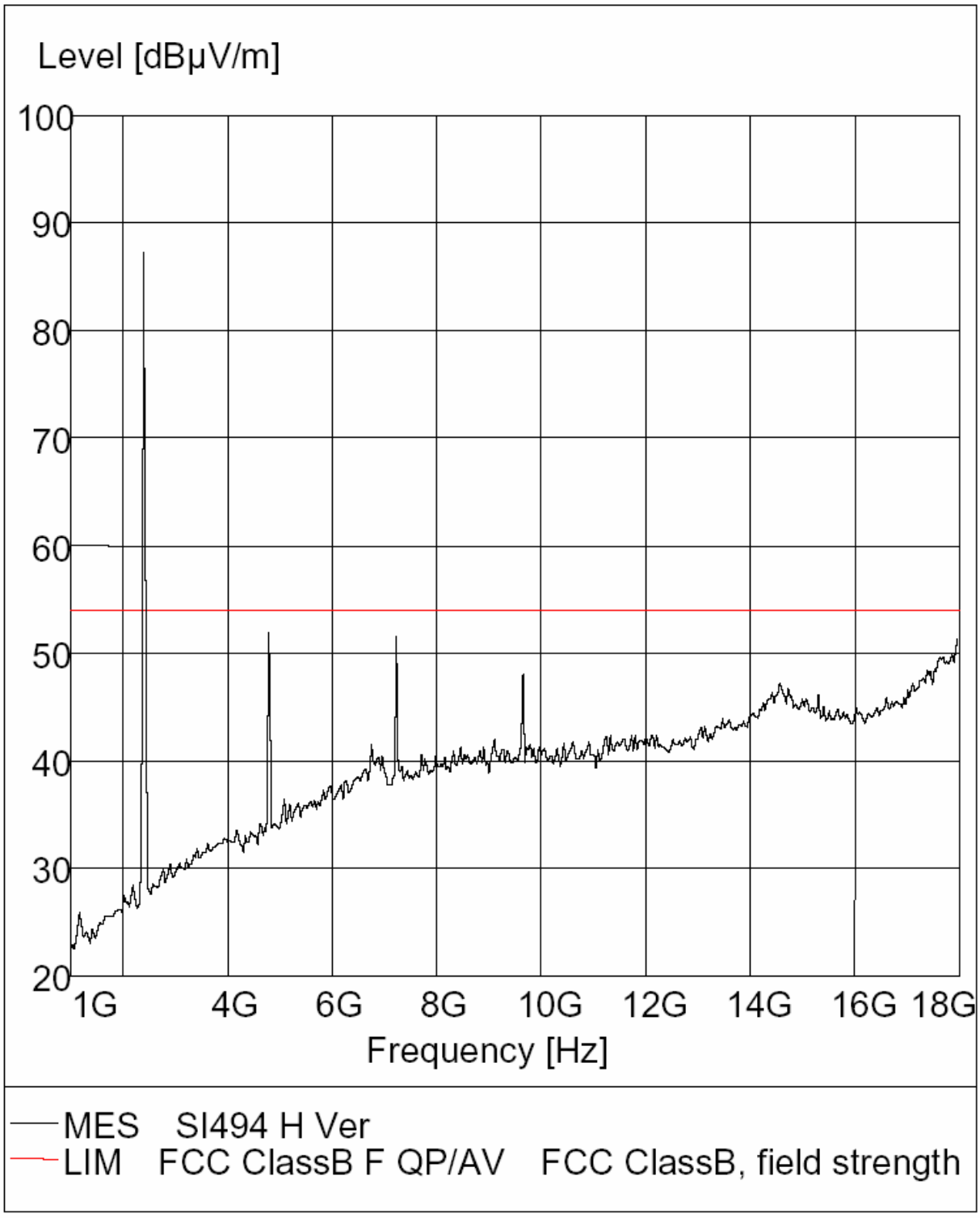
EUT: Wireless stereo speaker system transmitter M/N:SI494
Manufacturer: Mei Hua
Operating Condition: TX
Test Site: ATC EMC Lab.SAC
Operator: Jack
Test Specification: Horizontal
Comment: AC 120V/60Hz

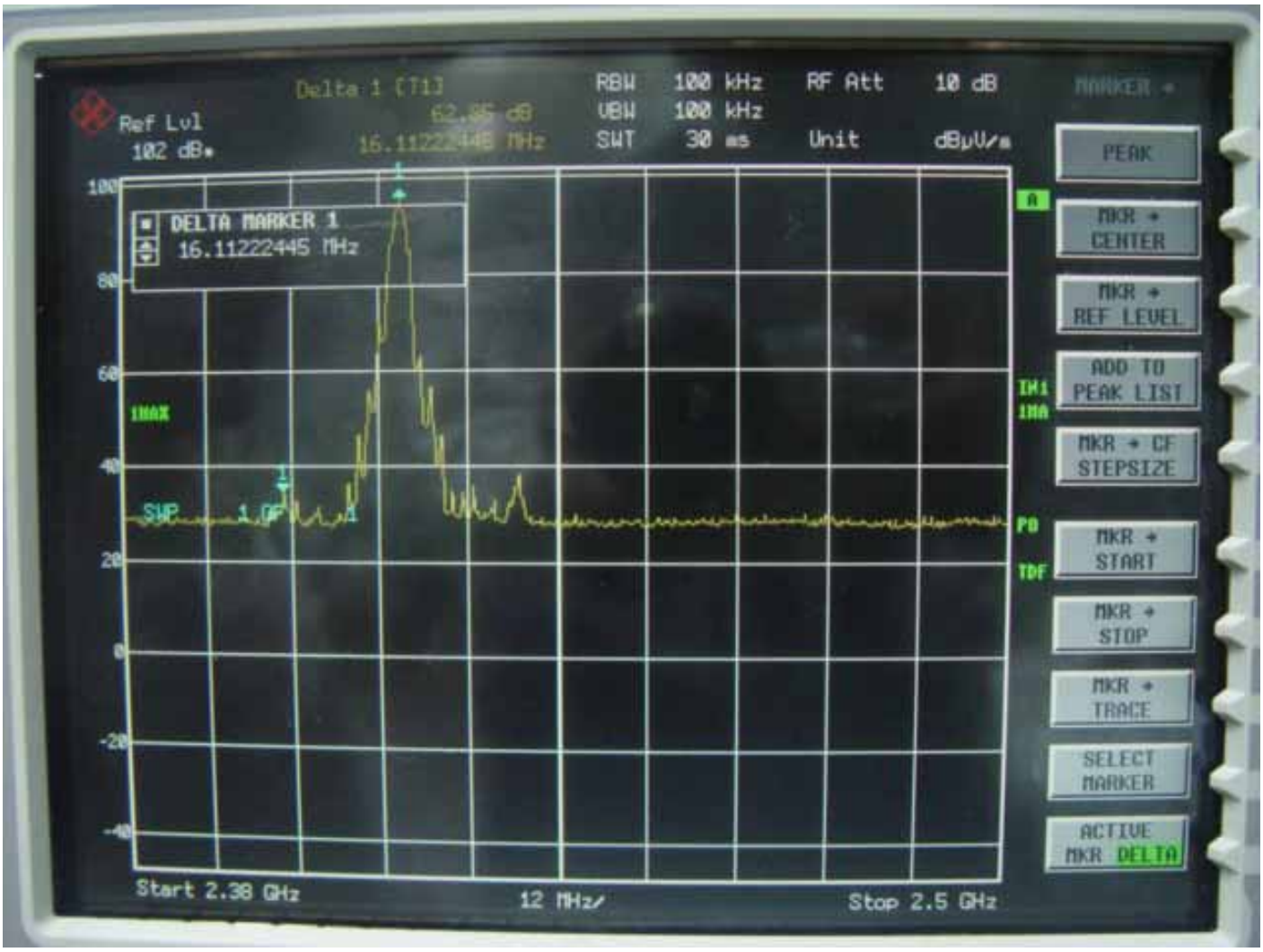


*Radiated Disturbance*

*FCC Part15*

EUT: Wireless stereo speaker system transmitter M/N:SI494
Manufacturer: Mei Hua
Operating Condition: TX
Test Site: ATC EMC Lab.SAC
Operator: Jack
Test Specification: Vertical
Comment: AC 120V/60Hz




Delta 1 [T1]
62.86 dB
16.11222445 MHz
RBW 100 kHz
VBW 100 kHz
SWT 30 ms
RF Att 10 dB
Unit dBµV/m
MARKER
Ref Lvl
102 dBm
DELTA MARKER 1
16.11222445 MHz
1MAX
SWP
PEAK
MKR → CENTER
MKR → REF LEVEL
ADD TO PEAK LIST
MKR → CF STEPSIZE
MKR → START
MKR → STOP
MKR → TRACE
SELECT MARKER
ACTIVE MKR DELTA
Start 2.38 GHz
12 MHz/
Stop 2.5 GHz


Delta 1 [T1]
61.52 dB
-15.87174349 MHz
RBW 100 kHz
VBW 100 kHz
SWT 30 ms
RF Att 10 dB
Unit dBµV/m
Ref Lvl
102 dBµ
MEMORY SAVE
EDIT NAME
EDIT PATH
EDIT COMMENT
SEL ITEMS TO SAVE
DATA SET LIST
DATA SET CLEAR
DATA SET CLEAR ALL
PAGE UP
PAGE DOWN
IMAX
SWP
1 DF
Start 2.38 GHz
12 MHz/
Stop 2.5 GHz

# CONDUCTION EMISSION STANDARD FCC 15.207

28. Apr 05 09:49

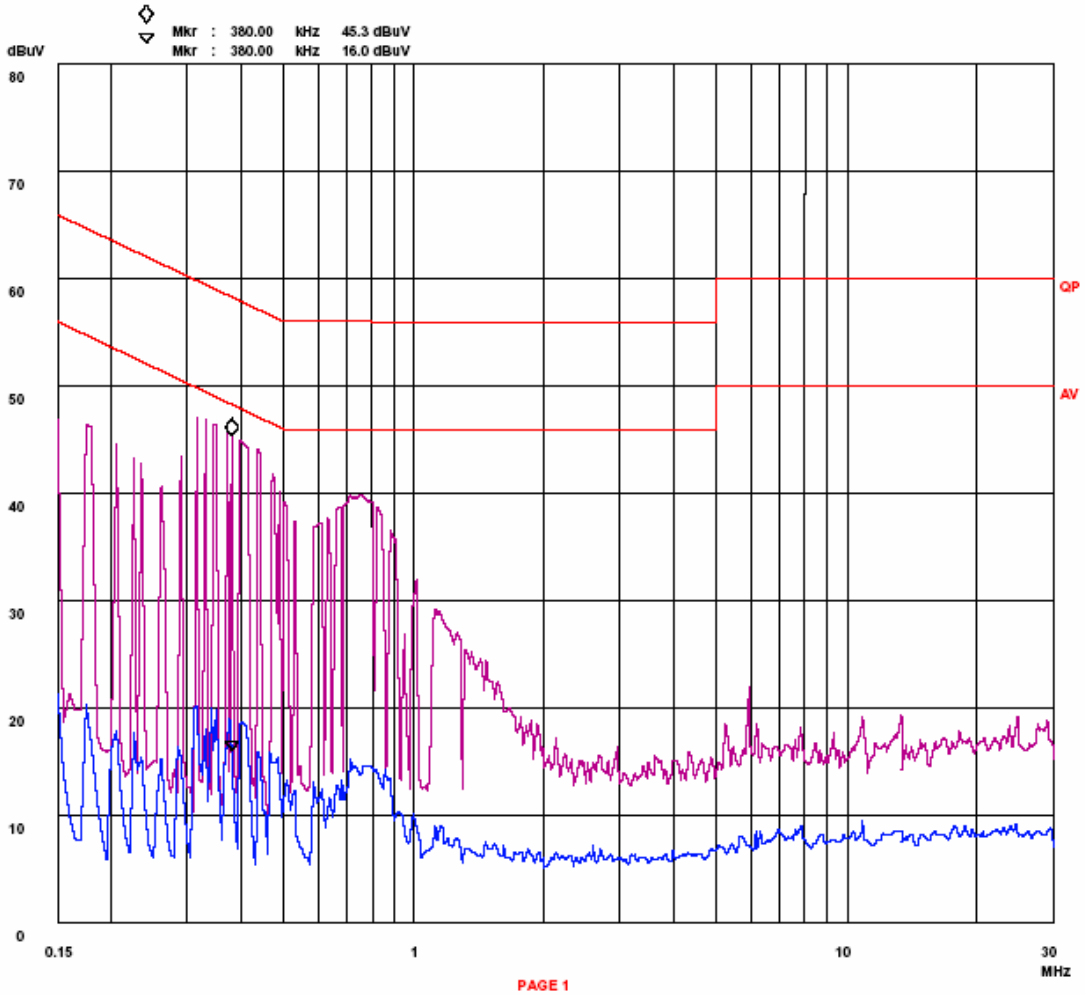
| | |
|---|---|
| EUT: | Wireless Stereo Speaker System Transmitter |
| Manuf: | Mei Hua |
| Op Cond: | TX With 1kHz Signal |
| Operator: | Andy |
| Test Spec: | Va 120V/60Hz |
| Comment: | Tem22'C Humi50% |
| | m/n:SI494 |

Scan Settings (3 Ranges)

| Frequencies | | | Receiver Settings | | | | |
|---|---|---|---|---|---|---|---|
| Start | Stop | Step | IF BW | Detector | M-Time | Atten | Preamp |
| 150k | 2M | 5k | 9k | PK+CAV | 1ms AUTO LN | OFF | |
| 2M | 10M | 10k | 9k | PK+CAV | 1ms AUTO LN | OFF | |
| 10M | 30M | 25k | 9k | PK+CAV | 1ms AUTO LN | OFF | |

Final Measurement: x QP / + CAV
Meas Time: 1 s

| Transducer No. | Start | Stop | Name |
|---|---|---|---|
| 1 | 9k | 30M | confac |

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# CONDUCTION EMISSION STANDARD FCC 15.207

28. Apr 05 09:53

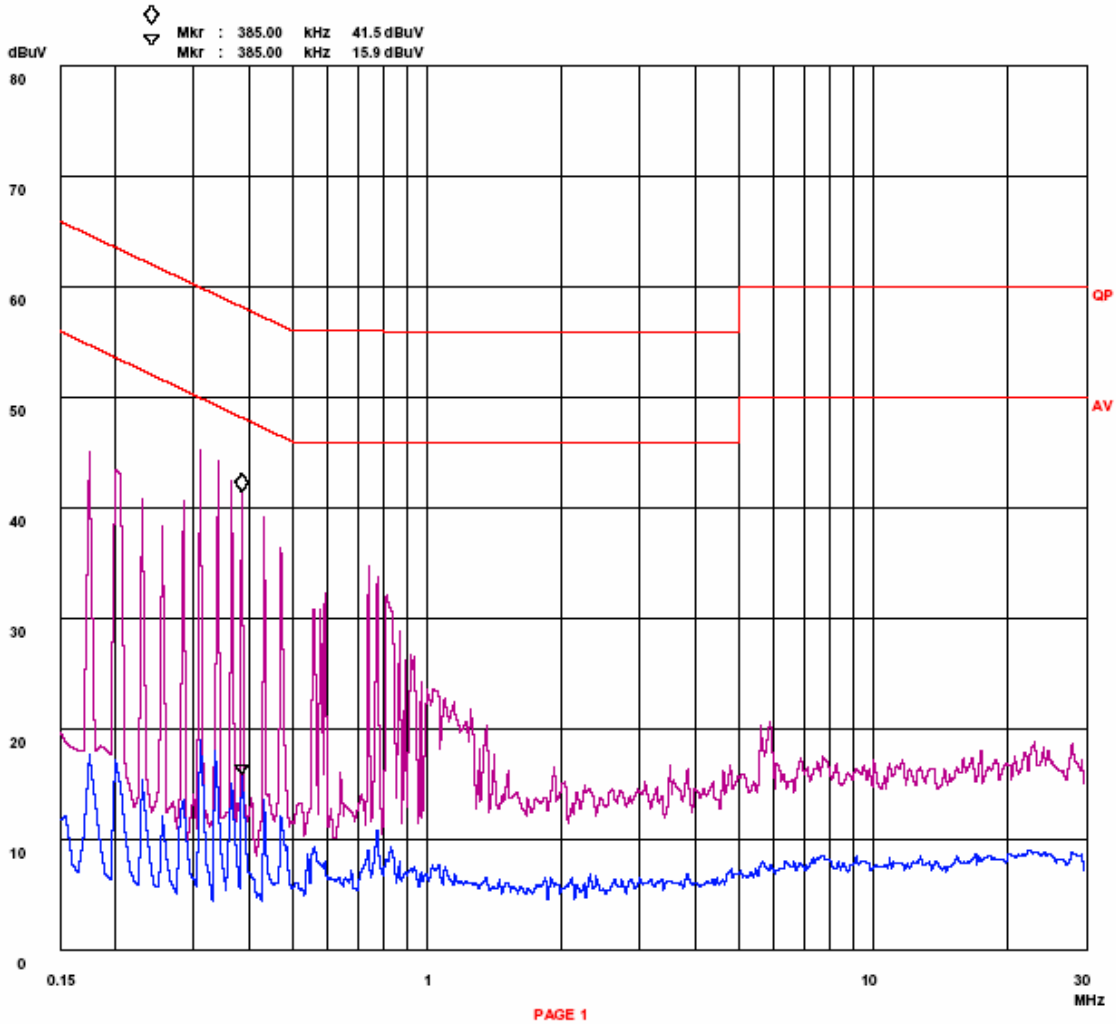
| | |
|---|---|
| EUT: | Wireless Stereo Speaker System Transmitter |
| Manuf: | Mei Hua |
| Op Cond: | TX with 1kHz signal |
| Operator: | Andy |
| Test Spec: | Vb 120V/60Hz |
| Comment: | Tem22'C Humi50% |
| | m/n:SI494 |

Scan Settings (3 Ranges)

| Frequencies | | | Receiver Settings | | | | |
|---|---|---|---|---|---|---|---|
| Start | Stop | Step | IF BW | Detector | M-Time | Atten | Preamp |
| 150k | 2M | 5k | 9k | PK+CAV | 1ms AUTO LN | | OFF |
| 2M | 10M | 10k | 9k | PK+CAV | 1ms AUTO LN | | OFF |
| 10M | 30M | 25k | 9k | PK+CAV | 1ms AUTO LN | | OFF |

Final Measurement: x QP / + CAV
Meas Time: 1 s

| Transducer No. | Start | Stop | Name |
|---|---|---|---|
| 1 | 9k | 30M | confac |

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